FIGURE 1

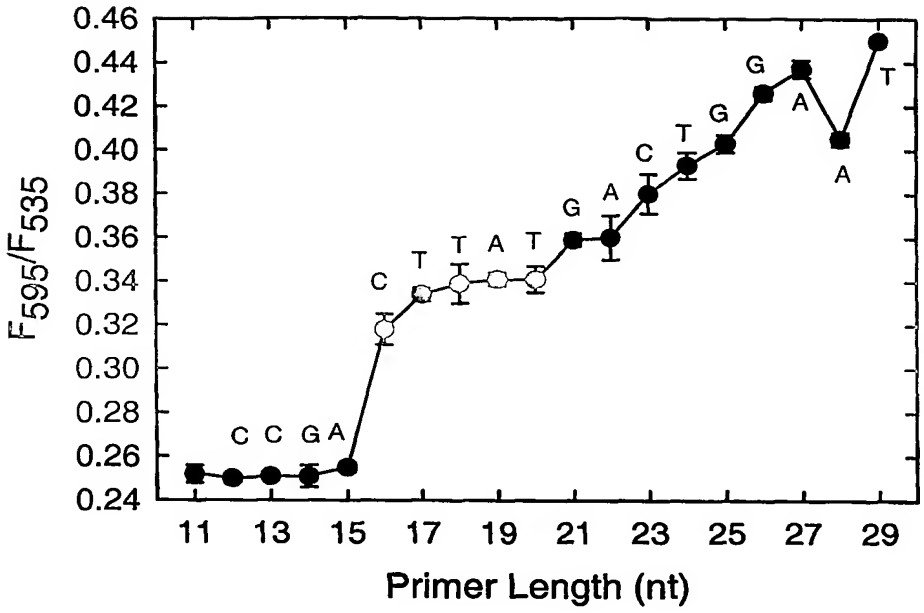

0.46
0.44
0.42
0.40
0.38
0.36
0.34
0.32
0.30
0.28
0.26
0.24
F595/F535
C C G A C T T A T G A C T G G A A T
11 13 15 17 19 21 23 25 27 29
Primer Length (nt)

FIGURE 2

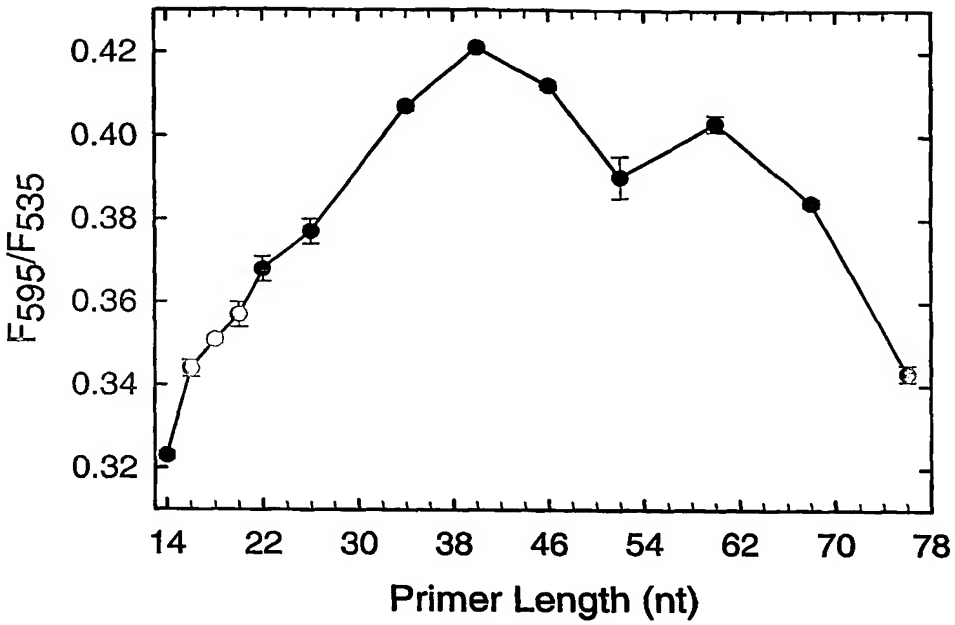

0.42
0.40
0.38
0.36
0.34
0.32
F595/F535
14
22
30
38
46
54
62
70
78
Primer Length (nt)

FIGURE 3

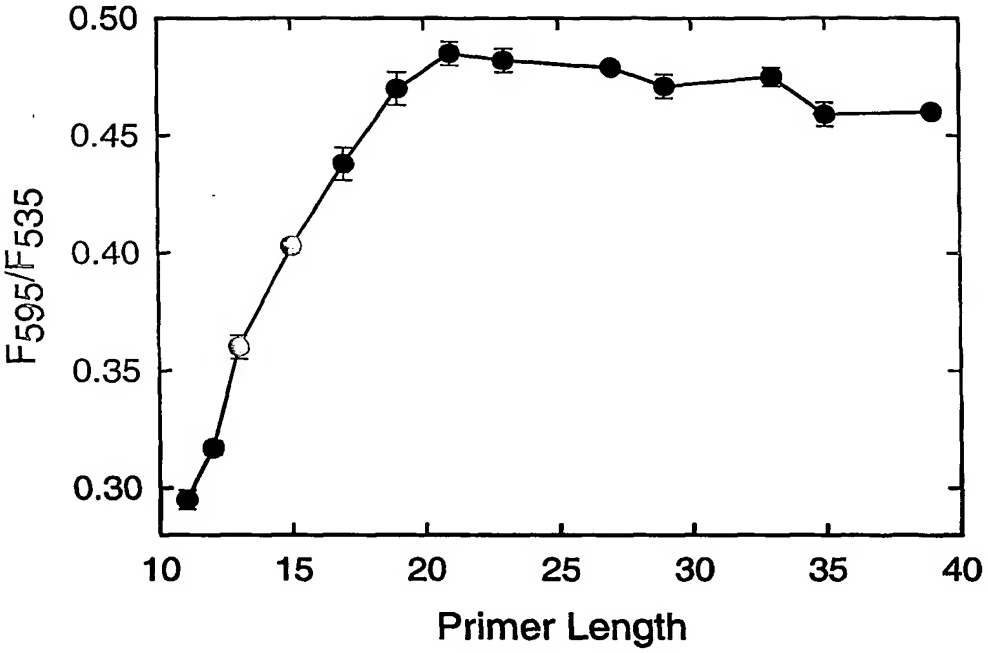


FIGURE 4

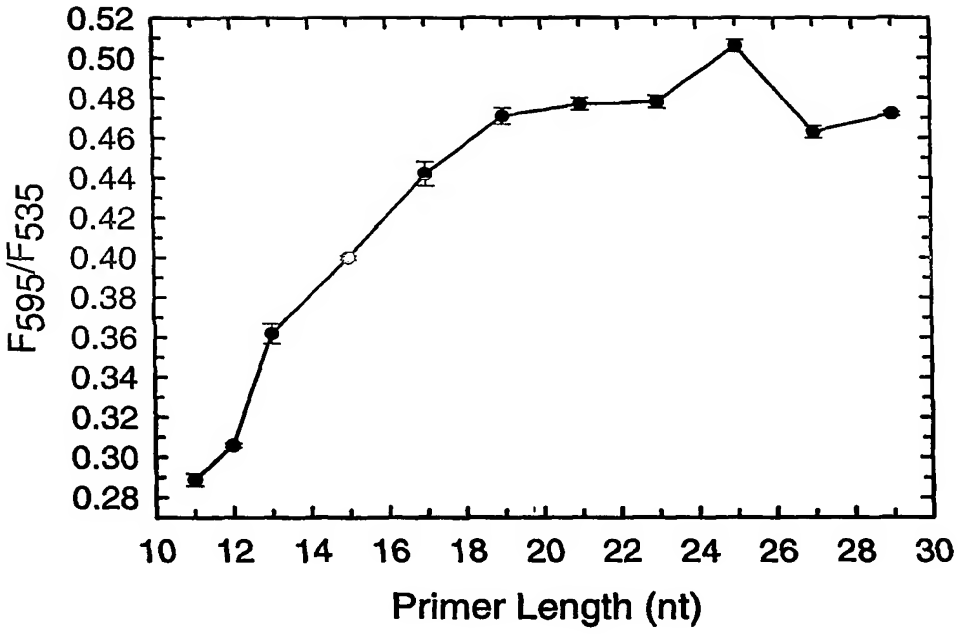

0.52
0.50
0.48
0.46
0.44
0.42
0.40
0.38
0.36
0.34
0.32
0.30
0.28
F595/F535
10
12
14
16
18
20
22
24
26
28
30
Primer Length (nt)

FIGURE 5

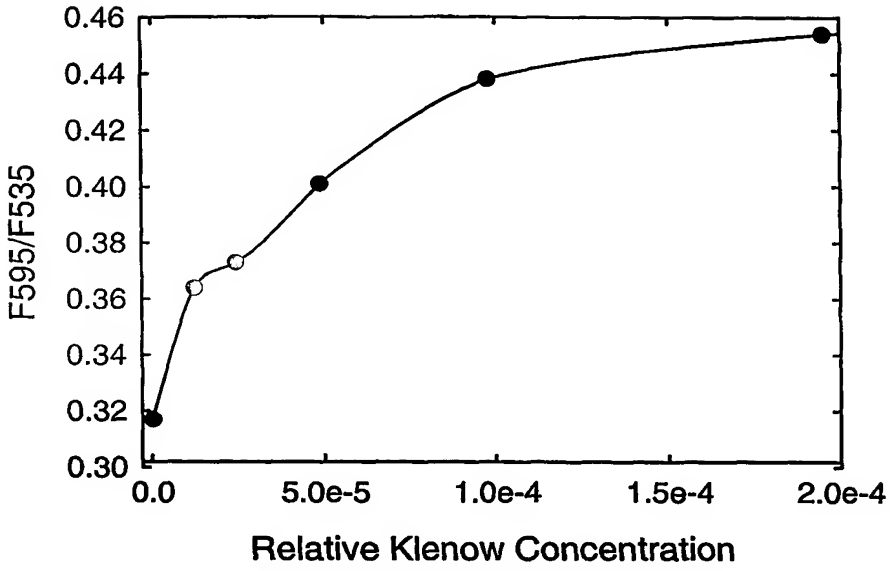

0.46
0.44
0.42
0.40
0.38
0.36
0.34
0.32
0.30
F595/F535
0.0
5.0e-5
1.0e-4
1.5e-4
2.0e-4
Relative Klenow Concentration

FIGURE 6

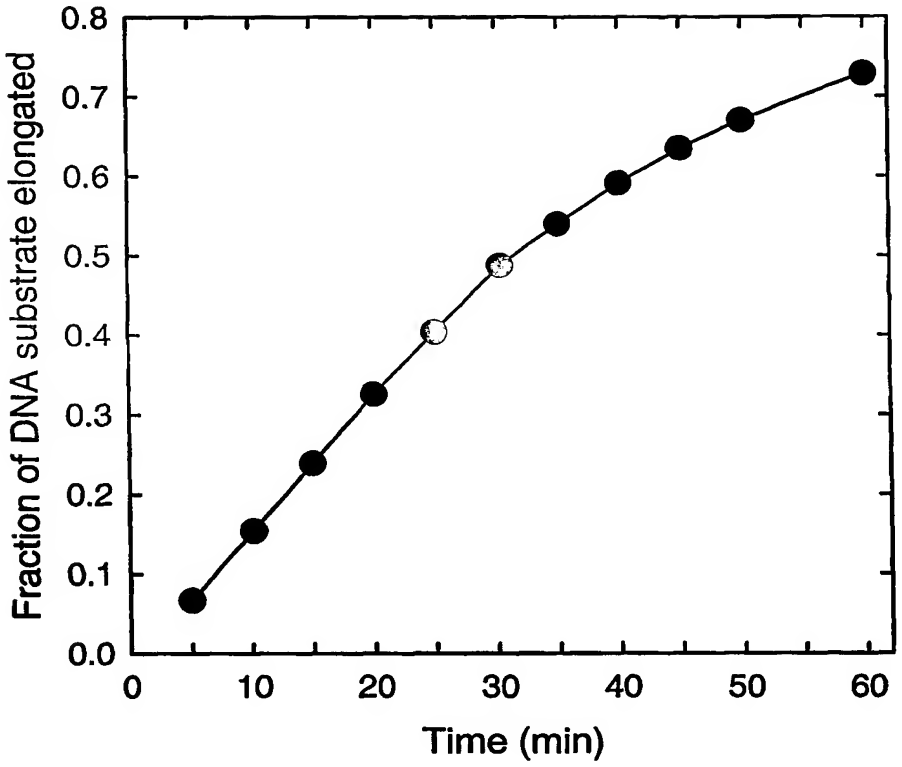
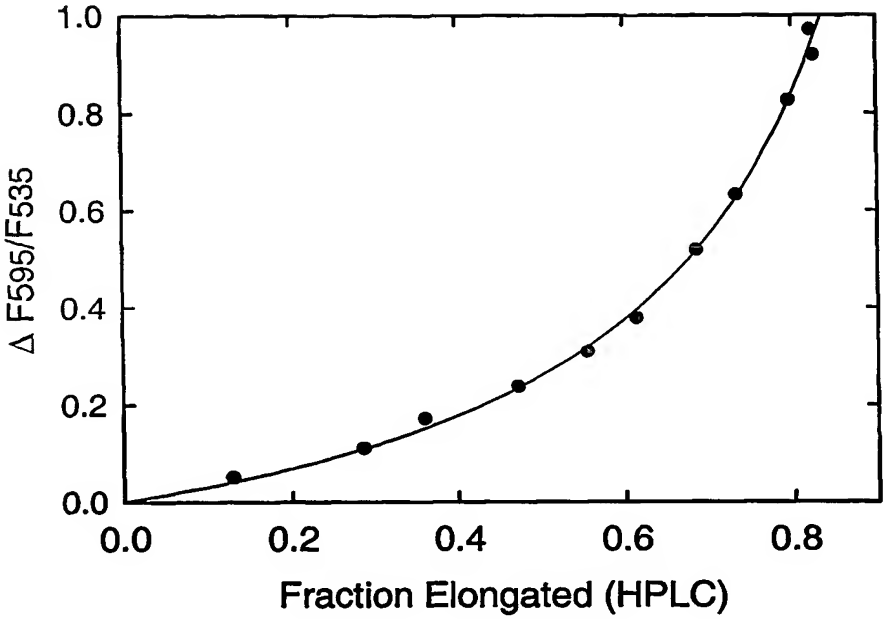

Fraction of DNA substrate elongated
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0
10
20
30
40
50
60
Time (min)

FIGURE 7


1.0
0.8
0.6
0.4
0.2
0.0
Δ F595/F535
0.0
0.2
0.4
0.6
0.8
Fraction Elongated (HPLC)